

I CLAIM:

1. A paper product having a base sheet and a marking-erasable coating, where the marking-erasable coating is water-soluble or water dispersible.

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2. The paper product of claim 1, where the paper product is substantially recyclable or substantially repulpable.

10 3. The paper product of claim 1, where the marking-erasable coating is substantially continuous.

15 4. The paper product of claim 1, configured so that liquid ink from a black dry erase marker can be applied to the surface of the paper product, allowed to dry, and then erased with a dry cloth, where the liquid ink has a marker density greater than about 0.5 after drying and a residual marker density less than about 0.1 after being erased.

5. The paper product of claim 1, where the marking-erasable coating comprises an ingredient selected from the group consisting of starch, cellulose, a charged polymer, a derivative thereof, and mixtures thereof.

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6. The paper product of claim 1, where the marking-erasable coating comprises pearl corn starch, pea starch, ethylated starch, carboxyl methylated starch, cationic potato starch, styrene butadiene grafted starch, modified food grade tapioca starch, carboxymethylcellulose, hydroxyethylcellulose, sodium alginate, polyvinyl alcohol, or mixtures thereof.

25 7. The paper product of claim 1, where the marking-erasable coating comprises at least one starch.

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8. The paper product of claim 1, where the marking-erasable coating comprises greater than about 50% starch by dry weight.

9. The paper product of claim 1, where the paper product has a Gurley density greater than about 1,000 seconds.

5 10. The paper product of claim 1, where the surface of the paper product has a Sheffield smoothness less than about 200 cubic centimeters per minute.

11. The paper product of claim 1, where the marking-erasable coating is present in an amount sufficient to make the paper product erasable.

10 12. The paper product of claim 1, where the marking in an ink marking.

13. The paper product of claim 1, where the paper product has an oil and grease resistance between 9 and 12 based on the 3M oil and grease test kit.

15 14. The paper product of claim 1, where the base sheet comprises:
a base-sheet core, comprising a network of fibers; and
a base-sheet coating, comprising a pigment and a binder.

20 15. The paper product of claim 14, where the base-sheet coating is present in an amount of about 2 pounds per 3,000 ft² to about 20 pounds per 3,000 ft².

16. The paper product of claim 14, where the marking-erasable coating is present in an amount of about 0.3 pounds per 3,000 ft² to about 8 pounds per 3,000 ft².

25 17. The paper product of claim 14, where the marking-erasable coating comprises less than about 30% pigment by dry weight.

30 18. The paper product of claim 1, where the base sheet comprises a base-sheet core and there is no base-sheet coating between the base-sheet core and the marking-erasable coating.

19. The paper product of claim 18, where the marking-erasable coating is present in an amount of about 2 pounds per 3,000 ft² to about 15 pounds per 3,000 ft².

5 20. The paper product of claim 18, where the marking-erasable coating comprises from about 2% to about 50% of any pigment by dry weight.

10 21. A paper product having a base sheet and a marking-erasable coating, where the marking-erasable coating is water-soluble or water dispersible, the paper product is substantially recyclable or substantially repulpable and the marking-erasable coating comprises at least one starch.

15 22. A paper product having a base sheet and a marking-erasable coating, where the marking-erasable coating is water-soluble or water dispersible and has a substantially continuous surface that contains substantially no surface-exposed pigment particles.

23. The paper product of claim 22, where the paper product is substantially recyclable or substantially repulpable.

20 24. The paper product of claim 22, where the marking-erasable coating comprises at least one starch.

25 25. A method for making a paper product, comprising applying a marking-erasable coating to a base sheet, where the marking-erasable coating is water-soluble or water dispersible.

26. The method of claim 25, further comprising calendering the paper product after applying the marking-erasable coating until the paper product has a Gurley density greater than about 1,000 seconds.

27. The method of claim 25, further comprising calendering the paper product after applying the marking-erasable coating until the paper product has a Sheffield smoothness less than about 200 cubic centimeters per minute.

5 28. The method of claim 25, where the marking-erasable coating comprises an ingredient selected from the group consisting of starch, cellulose, sodium alginate, polyvinyl alcohol, cellulose, a charged polymer, and mixtures thereof.

10 29. The method of claim 25, where the marking-erasable coating comprises at least one starch.

30. The method of claim 25, where the marking-erasable coating is applied at a coating weight sufficient to make the paper product erasable.

15 31. The method of claim 25, where the marking is an ink marking.

32. The method of claim 25, where the base sheet comprises:
a base-sheet core, comprising a network of fibers; and
a base-sheet coating, comprising a binder.

20 33. The method of claim 32, where the marking-erasable coating is applied at a dry coating weight of about 0.3 pounds per 3,000 ft² to about 8 pounds per 3,000 ft².

25 34. The method of claim 25, where the base sheet does not comprise a base-sheet coating and no base-sheet coating is applied before applying the marking-erasable coating.

35. The method of claim 34, where the marking-erasable coating is present in an amount of about 2 pounds per 3,000 ft² to about 15 pounds per 3,000 ft².

30 36. A kit, comprising:

a paper product, comprising a base sheet and a marking-erasable coating, where the marking-erasable coating is water-soluble or water dispersible; and
a writing instrument that can be used to create erasable marks on the paper product.

5 37. The kit of claim 36, further comprising an eraser that can be used to erase marks made on the paper product by the writing instrument.

10 38. A note paper product, comprising a sheet having a first surface and a second surface, where at least a portion of the second surface is covered with an adhesive material, the sheet comprises a base sheet and a marking-erasable coating, and the marking-erasable coating is water-soluble or water dispersible.